

nw:

$m1(q, q, \text{intr}, \text{enc1}(\text{intr}, n(q, \text{intr}, r1), n(dP, dP, dR), q))$

$m1(\text{intr}, p, q, \text{enc1}(q, n(q, \text{intr}, r1), n(dP, dP, dR), p))$

$m3(\text{intr}, q, \text{intr}, \text{enc3}(p, n(q, \text{intr}, r1), n(dP, dP, dR), dP))$

...

nw(sending):

$m3(\text{intr}, q, \text{intr}, \text{enc3}(p, n(q, \text{intr}, r1), n(dP, dP, dR), dP))$

nonces

$n(q, \text{intr}, r1)$